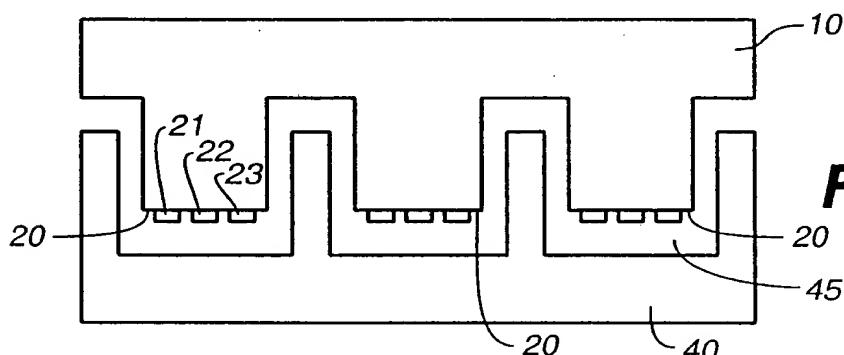
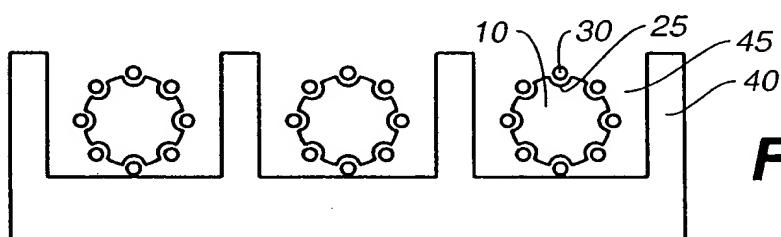


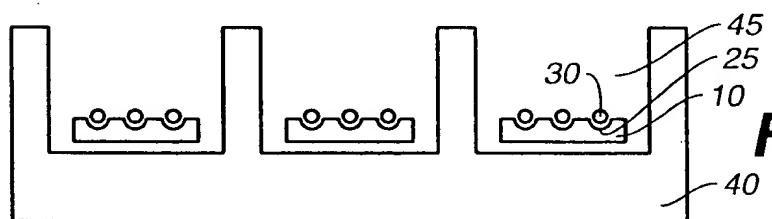
**FIG. 1A**



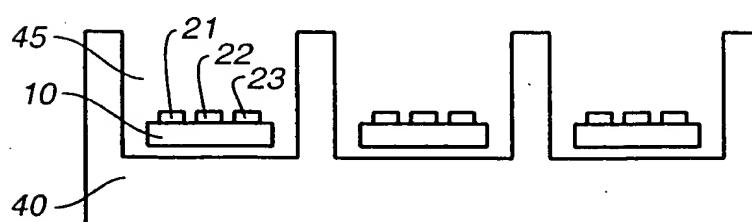
**FIG. 1B**



**FIG. 1C**



**FIG. 1D**



**FIG. 1E**



FIG.-1F

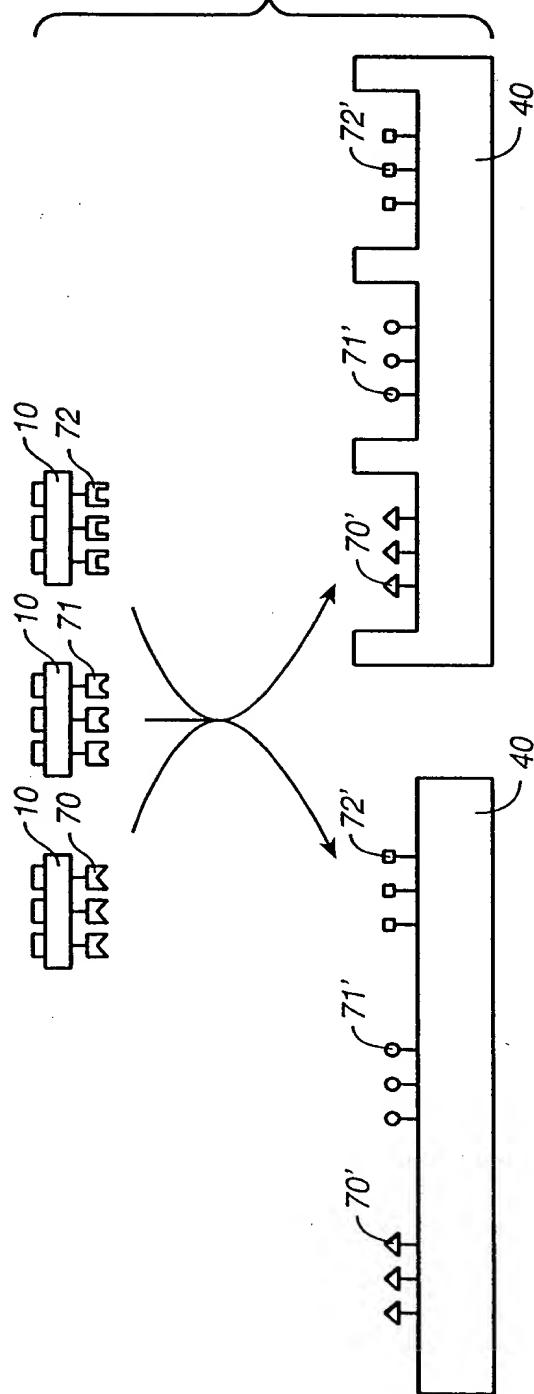
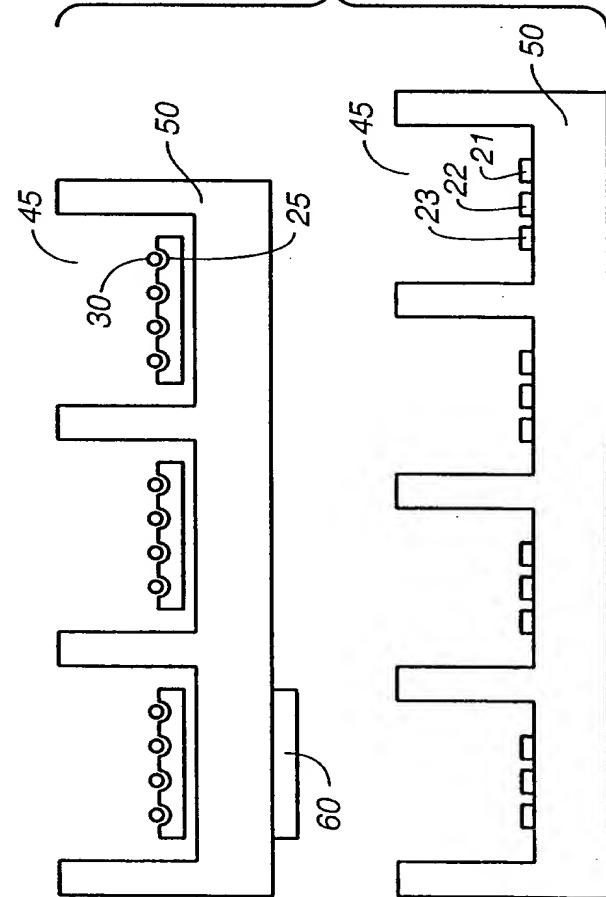
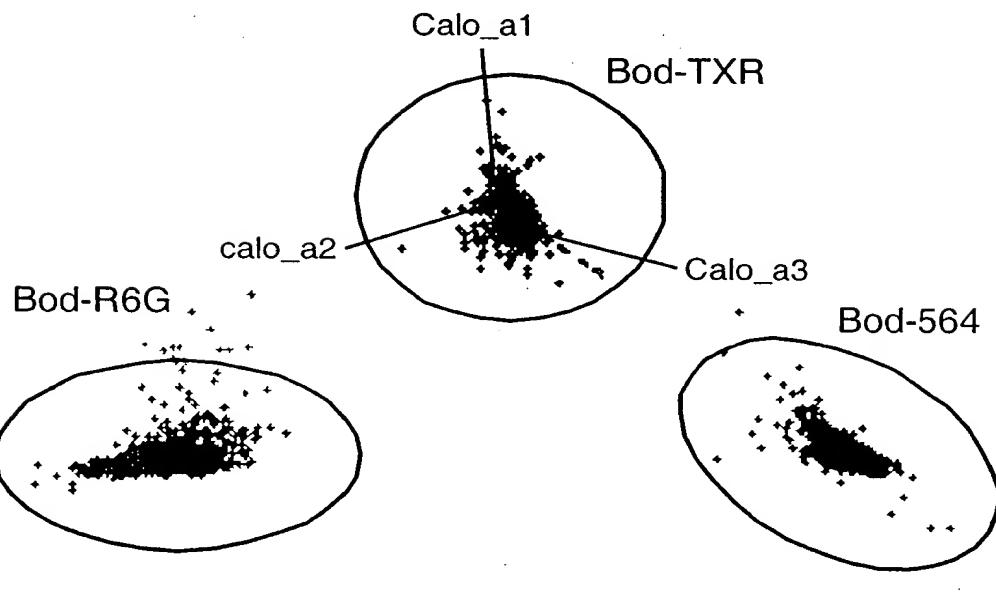
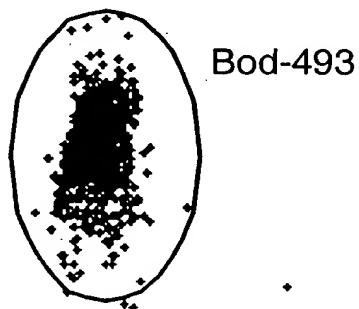


FIG.-2





**FIG. 3**



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## DECODING 16 PROBES

## HYB STAGE#

1

2

82

4

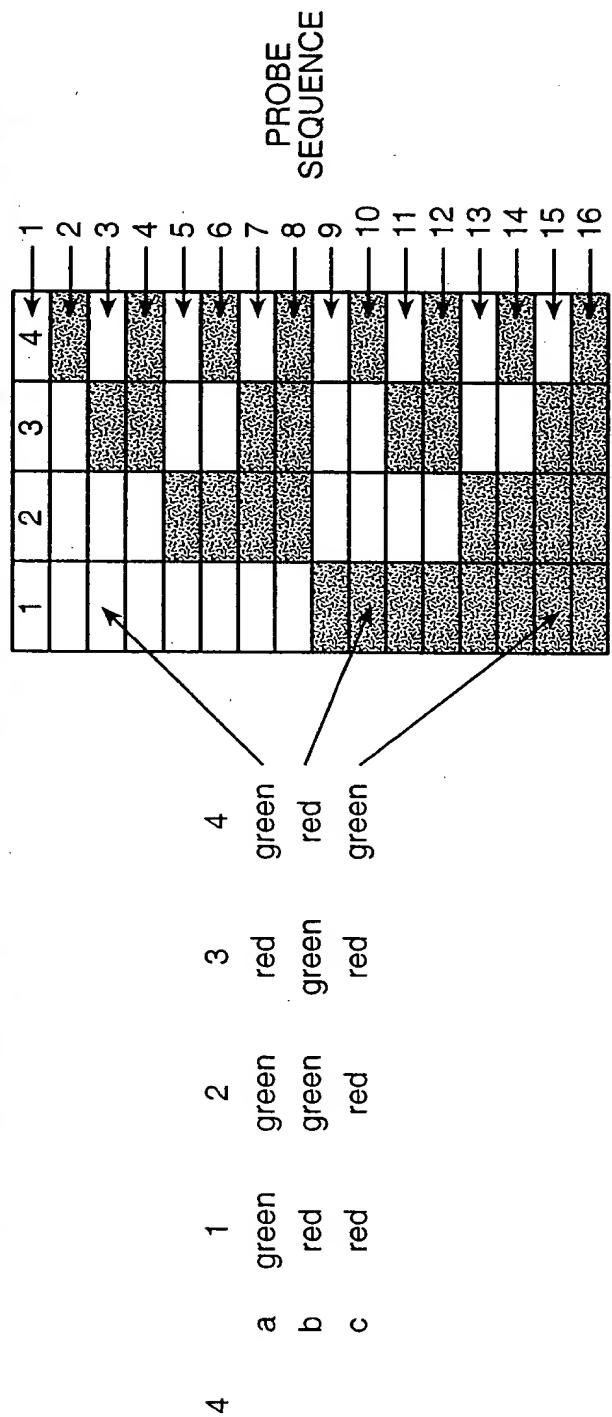
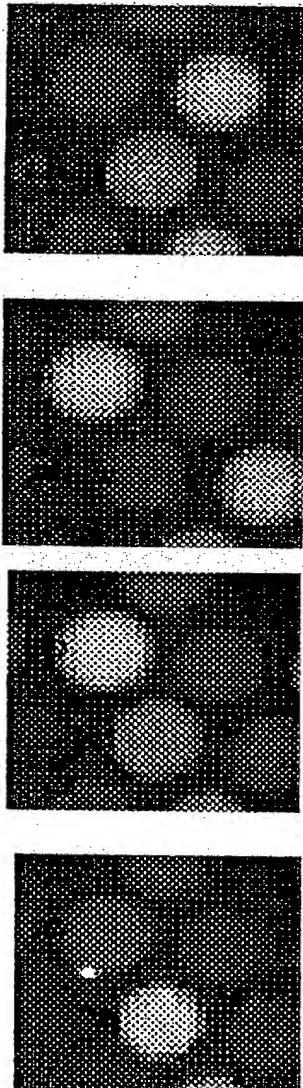
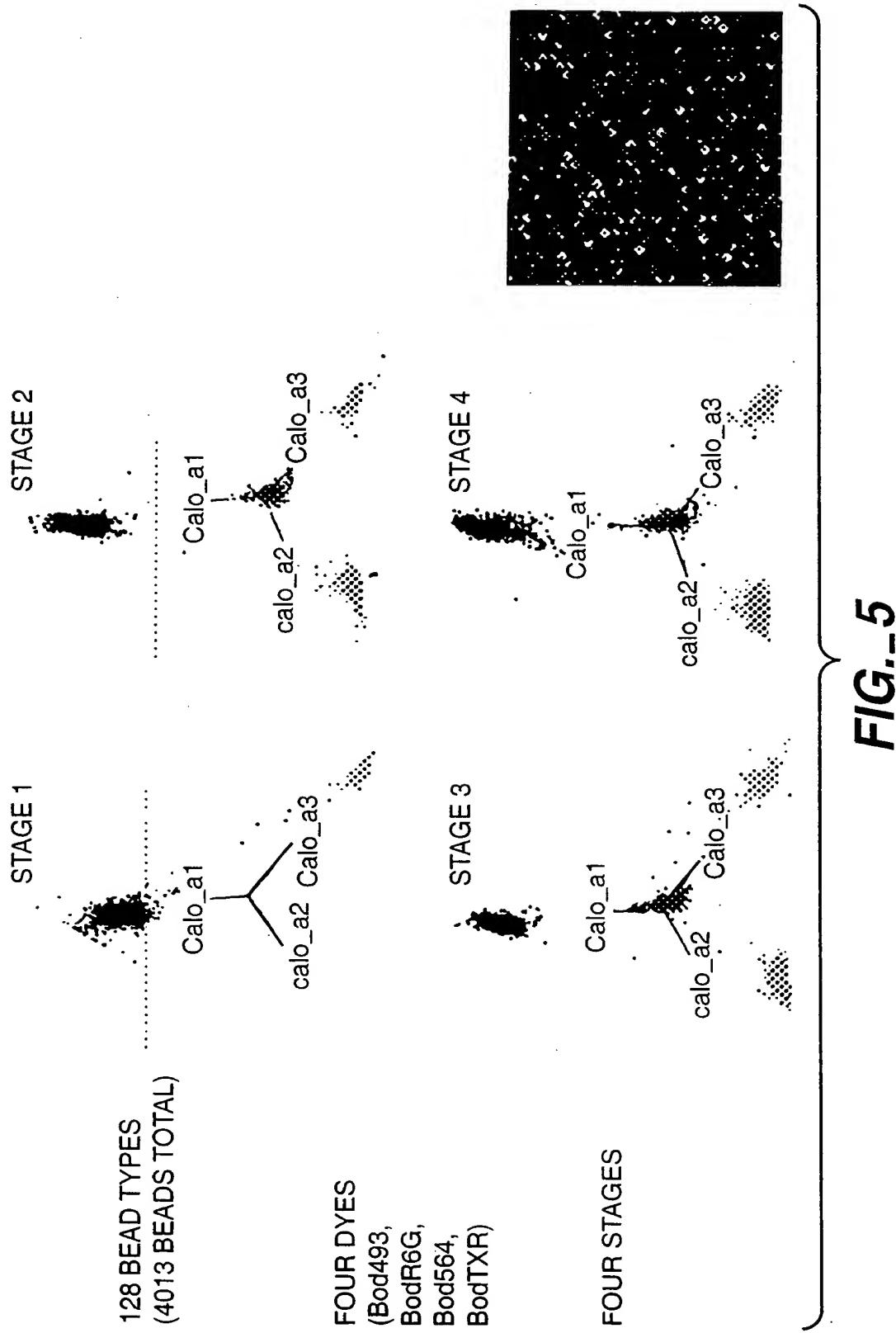


FIG. 4



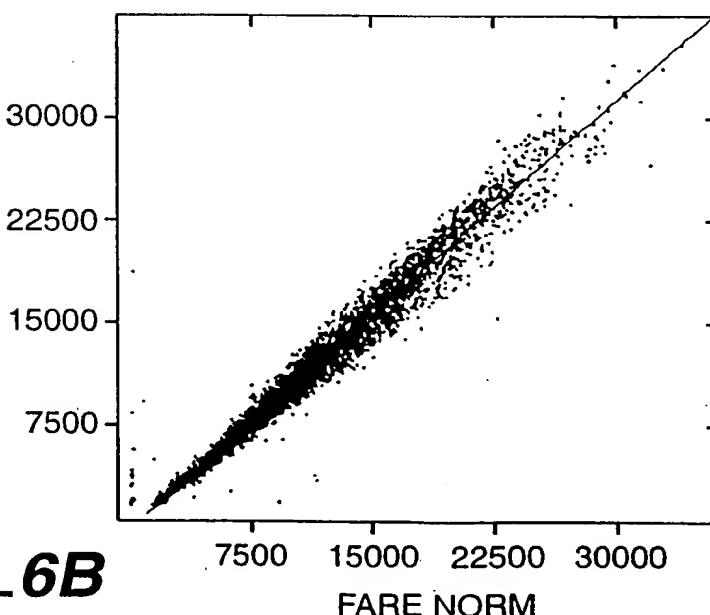


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### GREYSCALE DECODING

| Code | S1  | S2  | S3  |
|------|-----|-----|-----|
| 1    | 100 | 100 | 100 |
| 2    | 100 | 100 | 40  |
| 3    | 100 | 100 | 10  |
| 4    | 100 | 40  | 100 |
| 5    | 100 | 40  | 40  |
| 6    | 100 | 40  | 10  |
| 7    | 100 | 10  | 100 |
| 8    | 100 | 10  | 40  |
| 9    | 100 | 10  | 10  |
| 10   | 40  | 100 | 100 |
| 11   | 40  | 100 | 40  |
| 12   | 40  | 100 | 10  |
| 13   | 40  | 40  | 100 |
| 14   | 40  | 40  | 40  |
| 15   | 40  | 40  | 10  |
| 16   | 40  | 10  | 100 |
| 17   | 40  | 10  | 40  |
| 18   | 40  | 10  | 10  |
| 19   | 10  | 100 | 100 |
| 20   | 10  | 100 | 40  |
| 21   | 10  | 100 | 10  |
| 22   | 10  | 40  | 100 |
| 23   | 10  | 40  | 40  |
| 24   | 10  | 40  | 10  |
| 25   | 10  | 10  | 100 |
| 26   | 10  | 10  | 40  |
| 27   | 10  | 10  | 10  |

**FIG.\_6A**



**FIG.\_6B**



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GREYSCALE DECODING

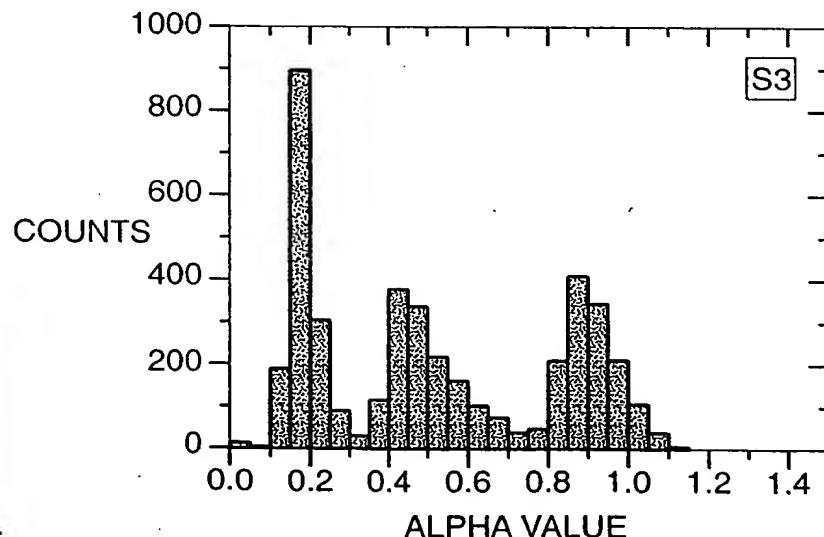
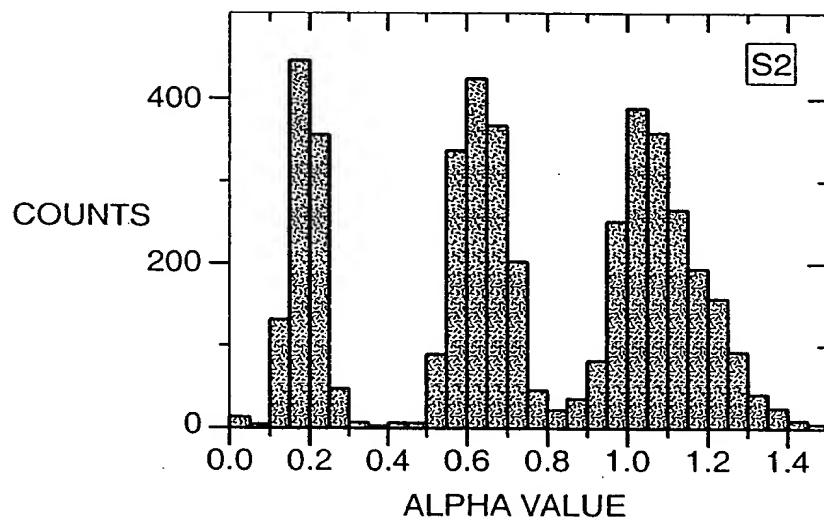
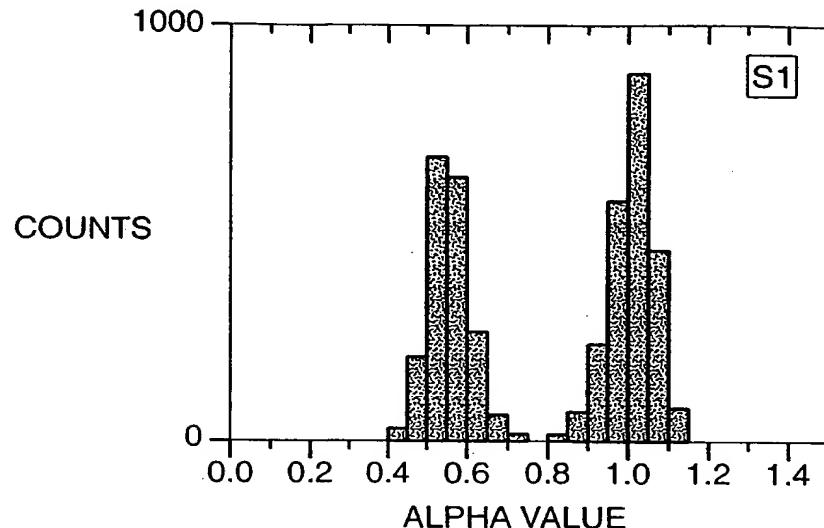
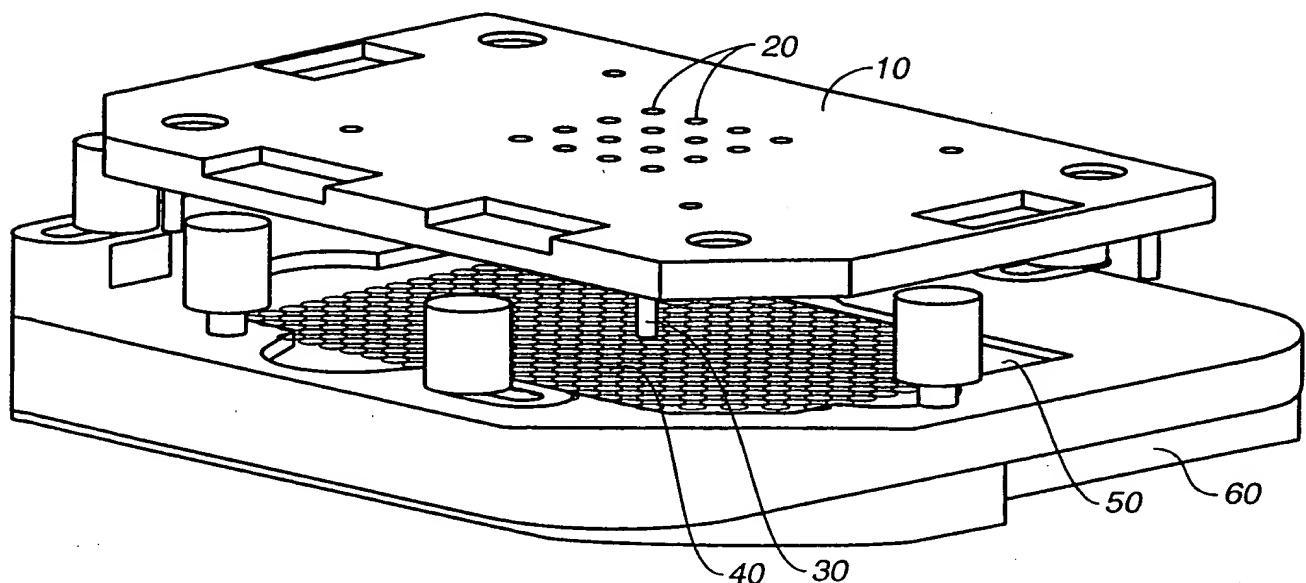


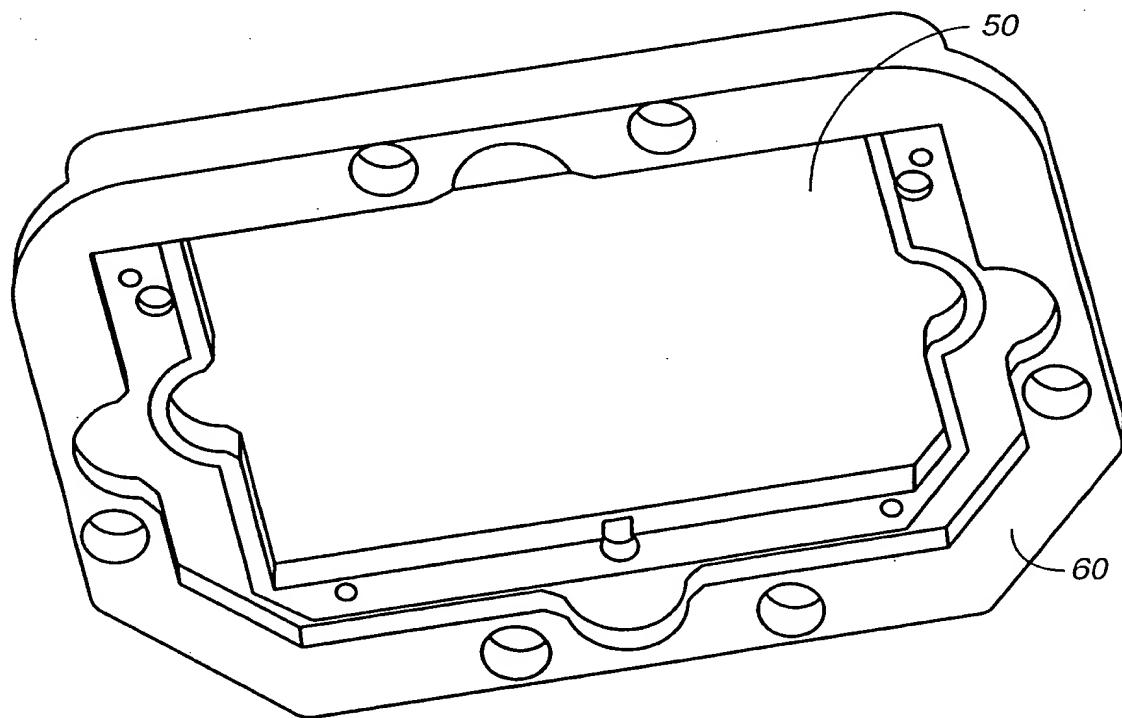
FIG.\_6C

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**FIG. 7A**



**FIG. 7B**

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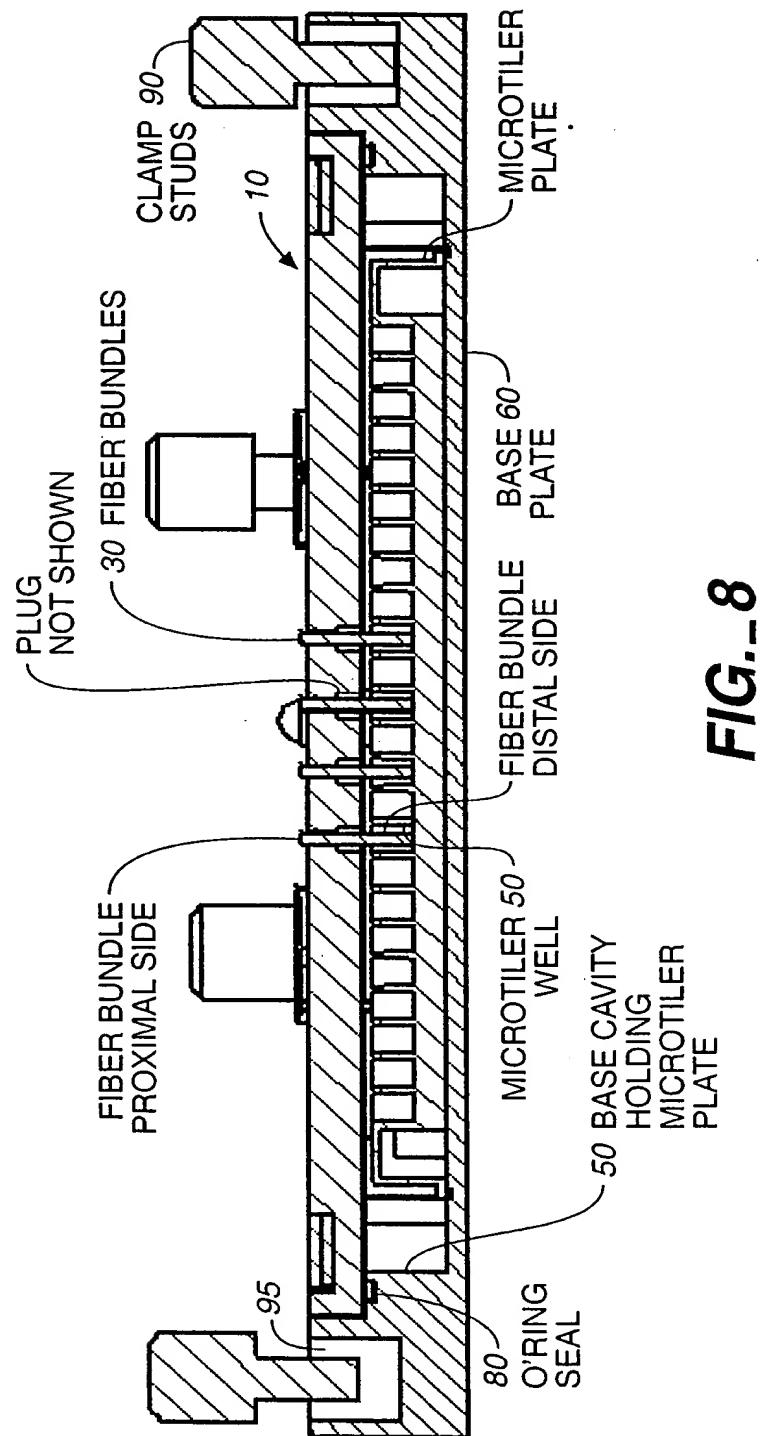
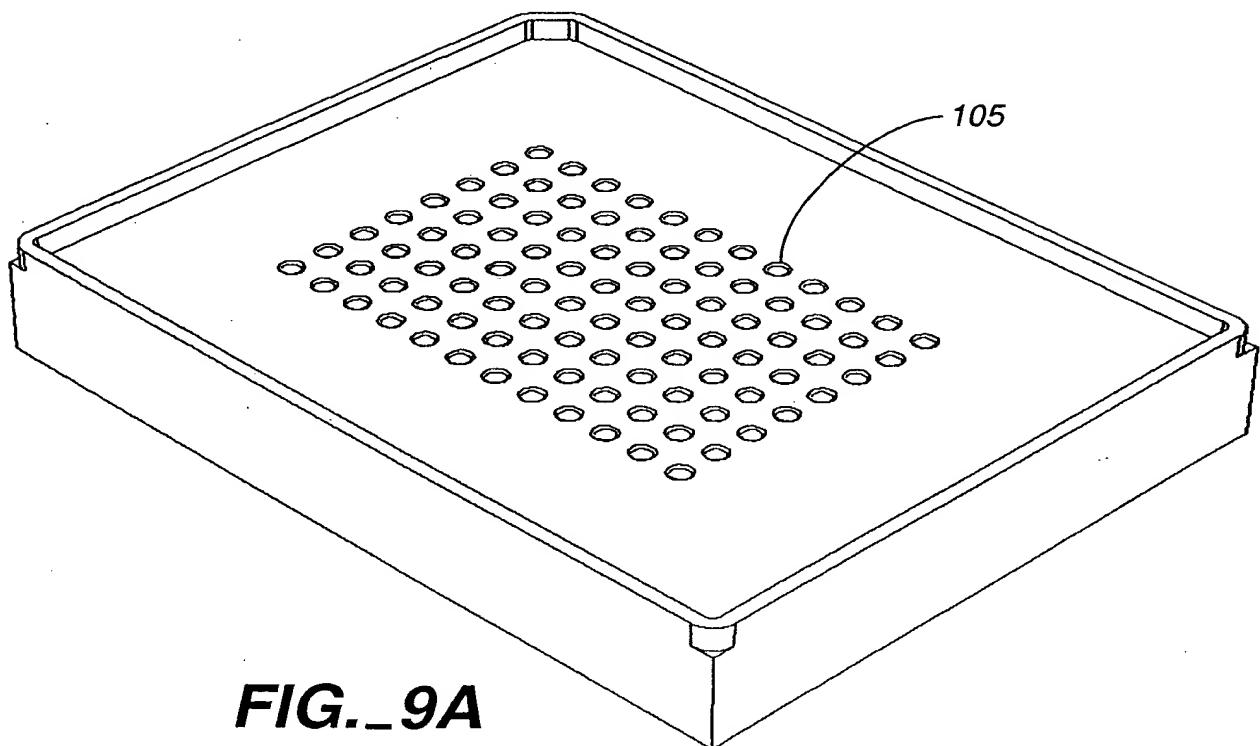


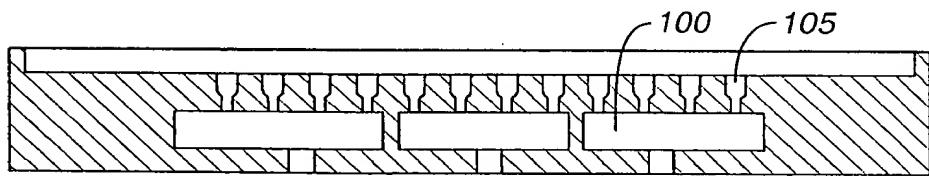
FIG.-8



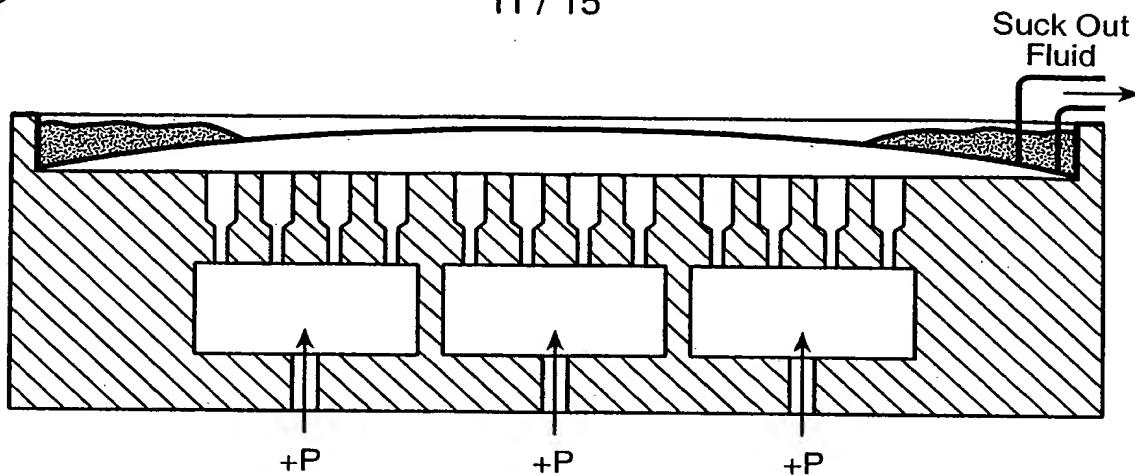
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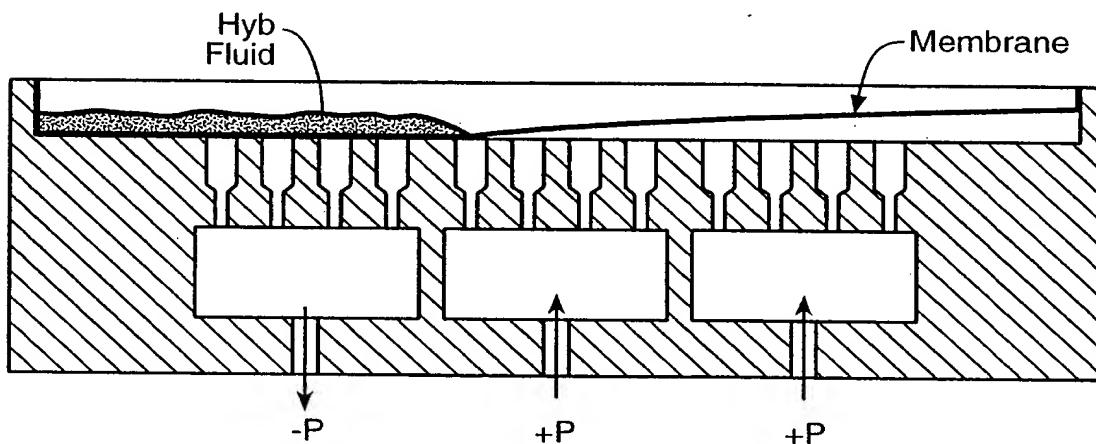
**FIG.\_9A**



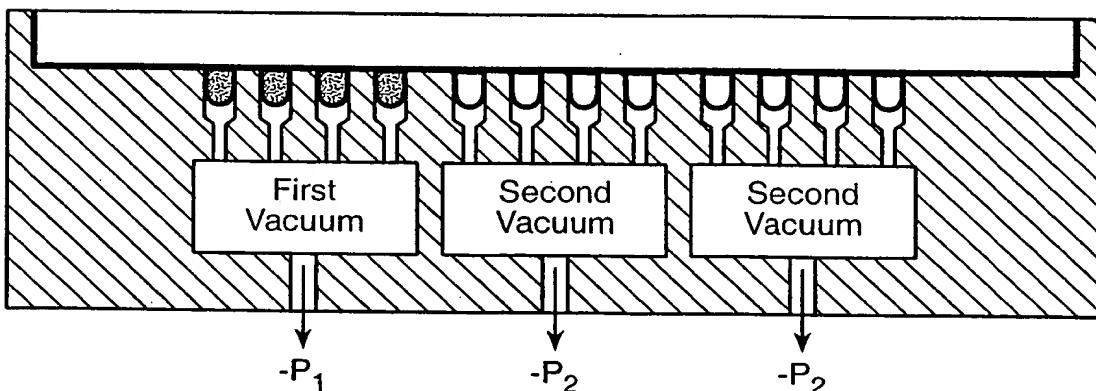
**FIG.\_9B**



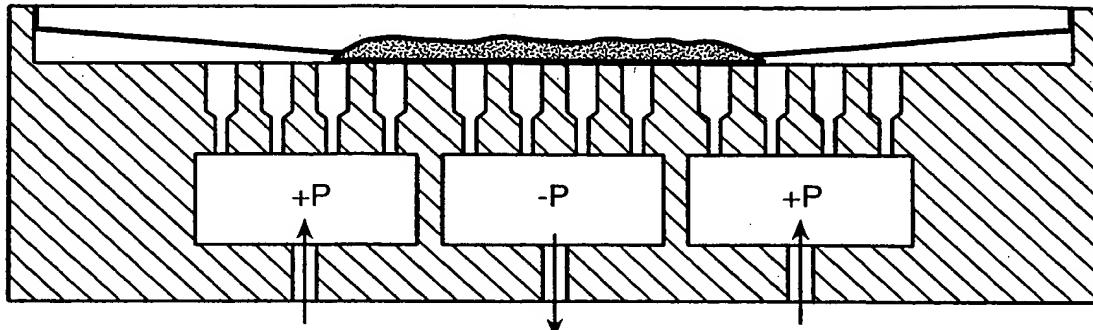
**FIG. 10A**



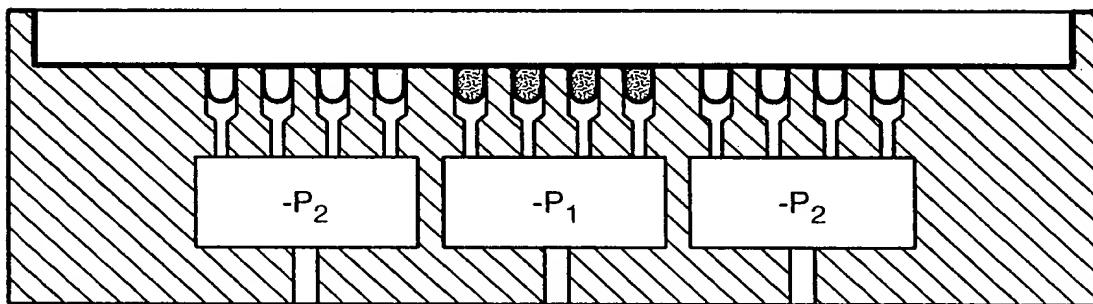
**FIG. 10B**



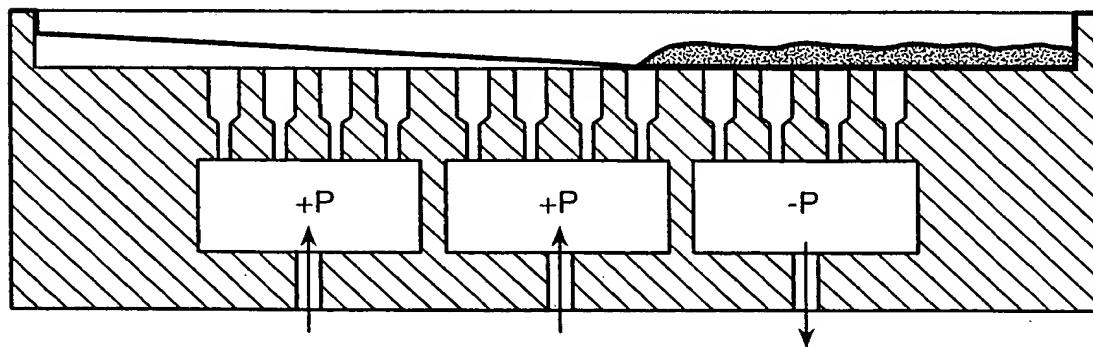
**FIG. 10C**



**FIG. 10D**



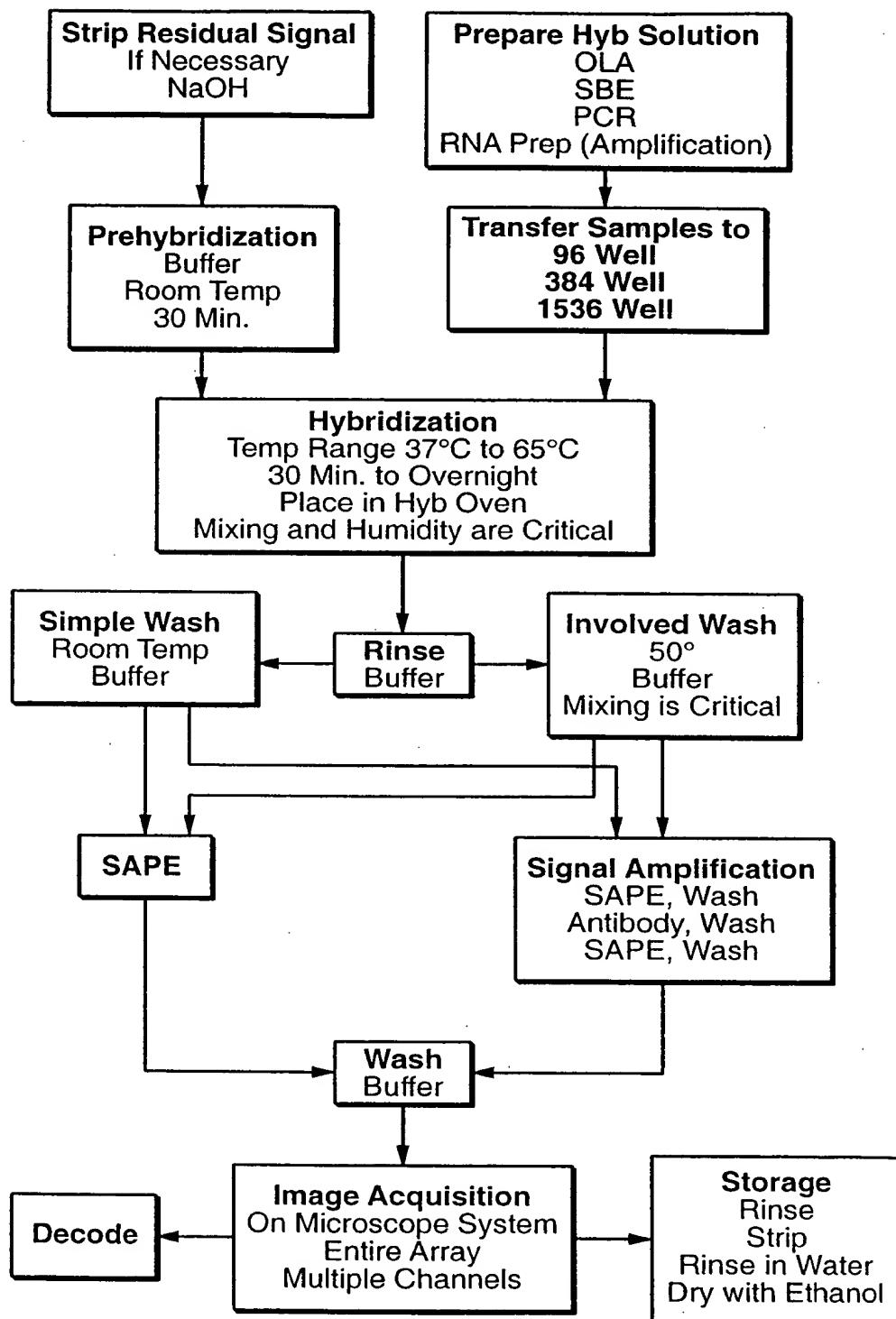
**FIG. 10E**



**FIG. 10F**

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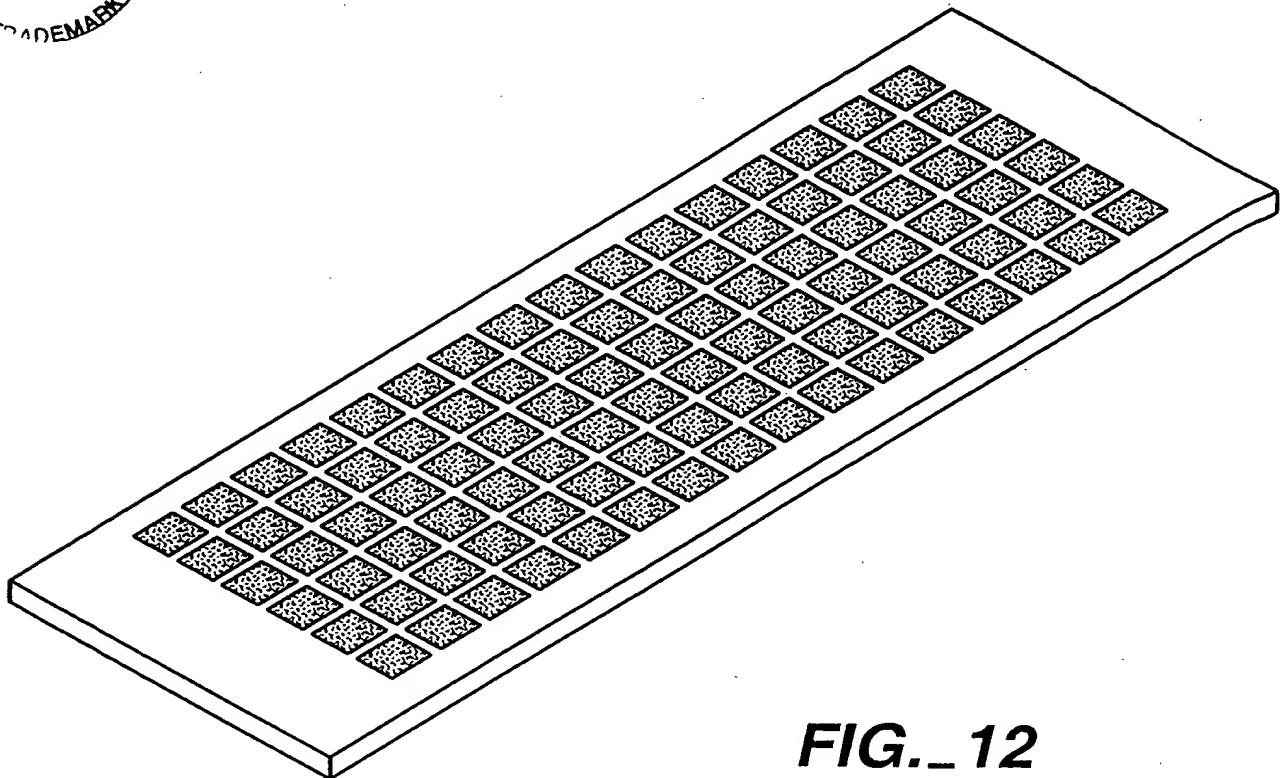
## ANALYTICAL HYBRIDIZATION



**FIG.\_11**

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**FIG.\_ 12**

